

STEREO MOC Status Report  
Time Period: 2008:133 - 2008:139

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 134, DSS 45 transmitter was red before the track began. The DSN Ops chief thoughtfully switched the AHEAD track to DSS 43 before BOT. However, real-time telemetry and monitor data intermittently dropped out for 141 minutes due to a JPL RIONet router problem. This slowed down the PLASTIC instrument reconfiguration from the ground command anomaly on day 131 and caused SECCHI commands to be dropped during the uplink. See DR# N104859 for more information.
- On day 134, due to the late cancellation of an earlier DSS 15 track by DSN, the SECCHI SSR1 synoptic partition was completely filled and was blocked from recording additional data beginning at 1456Z. During a subsequent track, a small amount of space was freed 1930Z by a real-time command. The partition filled up again two hours later, blocking data recording for another 30 minutes. Overall, SECCHI experienced approximately five hours of data loss due to the late cancellation of the DSS 15 track.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 135, PLASTIC was returned to its operational configuration from the ground command induced anomaly on day 131.
- The average daily SSR playback volume for Ahead was 7.2 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 135, DSS 34 lost downlink lock at for approximately 30 seconds starting at 0632Z during the SSR playback. Some day 134 SECCHI data was lost.

- On day 136, lost commanding and tracking data when DSS 24 transmitter tripped off at 2135Z for 38 minutes. This resulted in some minor day 136 data loss for all instruments during the subsequent resweep of the uplink. See DR# G108610 for more information.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 136, the 9<sup>th</sup> momentum dump was successfully executed at 2240Z.
- The average daily SSR playback volume for Behind was 7.4 Gbits during this week.